#2

Attorney Docket No. 401442/SAKAI

ENT A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

OSAMU NISHIKIDO

Group Art Unit: Unknown

Application No. Unknown

Examiner: Unknown

Filed: November 6, 2001

For: AM DEMODULATOR

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date of a first Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

In re Appln. of Osamu Nishikido Application No. Unknown

| | after (a), (b), (c) or (d) above, but before the mailing date of a final action used 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an action otherwise closes prosecution in the application, and includes one of: | | | | | | |
|-------------|---|--|--|--|--|--|--|
| | | the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below). | | | | | |
| | \Box | the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below). | | | | | |
| | under and o 37 CF | the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance 37 CFR 1.311, or an action that otherwise closes prosecution in the application, n or before payment of the issue fee, and includes the Statement under R 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as th in 37 CFR 1.17(p) (see "Fees" below). | | | | | |
| | payme contain 37 CF \$180 a NOTE: May 29 | the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before ent of the issue fee, and within thirty days of receiving each item of information ned in the Information Disclosure Statement, and includes the Statement under R 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of its set forth in 37 CFR 1.17(p) (see "Fees" below). This is for original applications except applications for a design patent, filed on or after 2000, wherein a paper containing only an Information Disclosure Statement in compliance CFR 1.97 and 1.98 is being filed. | | | | | |
| Copie | s of the | References | | | | | |
| \boxtimes | Attach | s of the references listed on the enclosed Form 1449 are enclosed herewith. sed to each reference not in the English language is a concise explanation of the nce pursuant to 37 CFR 1.98(a)(3). | | | | | |
| | A copy | y of the foreign search report is enclosed herewith. | | | | | |
| | parent furnish submit The H accord Procederelied | eferences listed on the enclosed Form 1449 were previously identified in the application(s) of the present application, and copies of the references were need at that time. Accordingly, additional copies of the references are not teed herewith, so as not to burden the file with duplicate copies of references. Examiner is respectfully requested to carefully review the references in lance with the requirements set out in the Manual of Patent Examining dure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) upon for an earlier filing date under 35 USC 120 in which copies of the paces were previously furnished are set out below: | | | | | |

In re Appln. of Osamu Nishikido Application No. Unknown

| | U.S. APPLI | CATIONS | Status (check one) | | | | | | | | | |
|---------------------------|---|---|--------------------|---------|------------------|--|--|--|--|--|--|--|
| | S. APPLICATIONS | U.S. FILING DATE | PATENTED | PENDING | ABANDONED | | | | | | | |
| 1. | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | |
| 3. | | | <u> </u> | | | | | | | | | |
| State | Statement under 37 CFR 1.97(e) | | | | | | | | | | | |
| | The undersigned hereby states that each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of the Information Disclosure Statement. | | | | | | | | | | | |
| | The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. | | | | | | | | | | | |
| State | ment under 37 CFR | 1.704(d) | | | | | | | | | | |
| | The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. | | | | | | | | | | | |
| Fees | | | | | | | | | | | | |
| | No fee is owed by the applicant(s). The IDS Fee of \$180 under 37 CFR 1.17(p) is enclosed herewith. | | | | | | | | | | | |
| Method of Payment of Fees | | | | | | | | | | | | |
| | Charge Deposit Ac | in the amount of \$ count No. 12-1216 in the is enclosed for that pure | | . (A d | uplicate copy of | | | | | | | |
| Auth | orization to Charge | Additional Fees | | | | | | | | | | |
| \boxtimes | If any additional fees are owed in connection with this communication, please charge Deposit Account No. 12-1216. (A duplicate copy of this communication is enclosed for that purpose.) | | | | | | | | | | | |

In re Appln. of Osamu Nishikido Application No. Unknown

Instructions as to Overpayment

Credit Account No. 12-1216. Refund

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.

Registration No. 29,458

Suite 300

700 Thirteenth Street, N.W. Washington, D.C. 20005 Telephone: (202) 737-6770 Facsimile: (202) 7β7-6776 Date: (202) 7β7-6776

JAW:ves



| | | | | | Complete if Known | T |
|---|--------------------|--------------------|-------------|------------------------|-------------------|---------------|
| Substitute for form 1449A/B/PTO | | Application Number | Unknown | | | |
| | | | Filing Date | November 6, 2001 | S C | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | LOSURE | First Named Inventor | NISHIKIDO | <u>-28 = </u> |
| | | | PLICANT | Group Art Unit | Unknown | 66 |
| | | | | Examiner Name | Unknown | 50 |
| | (Use as many sheet | | cessary) 1 | Attorney Docket Number | 401442/SAKAI | · == |
| Sheet | 1 | of | <u> </u> | , | <u> </u> | |

| | | | U.S. | PATENT DOCUMENTS | | |
|-------------------|---------------|---------------------------------|--|-------------------------------|-------------|-------------------------------|
| | Т | U.S. Patent Docu | ment | | Date of | Filing Date If |
| Examiner Initials | Doc. No. | Application or Patent Number | Kind Code | Name of Patentee or Applicant | Publication | Filing Date If Appropriate |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | ļ | | | | | |
| | | | | | | |
| | 1 | | | | | |
| | | | | | | |
| | | | + | | | |
| | | | | | | |
| | | | | | | |
| | | | + | | | <u> </u> |
| | | | | | | + |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | | | | | PATENT DOCUMENTS | | Trans | slation |
|----------------------|----------|----------|---|------------|-------------------------------|------------------------|-------|--------------|
| | | | oreign Patent Documer Application or | nt Kind | Name of Patentee or Applicant | Date of Publication | Yes | No* |
| Examiner Initials | Doc. No. | Office | Patent Number | Code | Sanyo Electric Co Ltd. | 1/14/1994 | | X+ |
| | A 1 | JP | 6-6139 | | Sarryo Electric Go Etc. | | | |
| | | | | + | | | | ↓ |
| | | <u> </u> | | + | | | | |
| | | ↓ | | + | | | | 1 |

| | | OTHER - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), volume-issue number (s), | Trans | lation |
|----------------------|--------------|--|---------|----------|
| Examiner Initials | Doc. No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate) (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published. | Yes | No*+ |
| | | | | |
| | | | | <u> </u> |
| | | | | |

| 1 | | | ٦ |
|---|--------------------|------------------------|---|
| ١ | | Date Considered | ١ |
| 1 | Examiner Signature | | _ |
| ı | | 11 - 07 CER 1 08(a)(3) | |

A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).
 An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).